AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1.   (original): A personal authentication system for connecting, via a communication line, an authentication server for authenticating a client to identify the client to an authentication terminal for inputting authentication information required for said personal authentication, wherein:

the system has a database for storing at least personal authentication data required for said personal authentication and previously registered, settling account information required to process charges, and data required to receive various services, and

said authentication server has a function of collating said authentication information input from said authentication terminal via said communication terminal, against said personal authentication data stored in said database, a function of processing charges based on said settling account information registered in said database based on a request from said authentication terminal when the client is authenticated during said identification, and a function of providing, registering, and managing personal data registered beforehand in said database based on a request from said authentication terminal when the client is authenticated during said identification and periodically communicating a collation history, a personal data usage history, and a charge process history.

2.   (original): The personal authentication system according to claim 1, wherein said authentication server includes a function of communicating permission for said various services based on a request from said authentication terminal when the client is authenticated during said identification.

3.   (original): The personal authentication system according to claim 1, wherein said personal authentication data are at least one of the client's fingerprint, the client's voiceprint, the client's iris pattern, and a preset password.

4.   (original): The personal authentication system according to claim 1, wherein the function of communicating said collation history, said personal data usage history, and said charge process history is configured to communicate these information by electronic mail.

5.   (original): The personal authentication system according to claim 1, wherein the function of communicating said collation history, said personal data usage history, and said charge process history is configured to show these information on a home page.

6.   (original): The personal authentication system according to claim 5, wherein only previously registered clients are allowed to view said home page.

7.   (original): The personal authentication system according to claim 1, wherein said authentication terminal is installed in a store and is configured to request said authentication server to execute said identification when at least one of a commodity and a service is to be provided and to request said authentication server to pay a consideration for the provided commodity and service from said settling account when the client is authenticated during said identification.

8.   (original): The personal authentication system according to claim 1, wherein said authentication terminal is installed at a ticket gate of a public transportation facility and is configured to request said authentication server to execute said identification when said public transportation facility is utilized and to request said authentication server to pay from said settling account a price corresponding to a traveling section for said public transportation facility when the client is authenticated during said identification.

9.   (original): The personal authentication system according to claim 1, wherein the functions of said authentication terminal are added to a public telephone and are configured to request said authentication server to execute said identification when said public telephone is utilized and to request said authentication server to pay a telephone call charge for said public telephone from said settling account when the client is authenticated during said identification.

10.   (original): The personal authentication system according to claim 1, wherein said authentication terminal is installed at a hospital clerk's window and is configured to request said authentication server to execute said identification when the client visits said hospital and to request said authentication server to extract personal information including a medical sheet and various examination data of the client who is authenticated during said identification and pay said hospital medical expenses from said settling account.

11.   (original): The personal authentication system according to claim 1, wherein said authentication terminal is installed at a government officer's window for various procedures and is configured to request said authentication server to execute said identification when said procedure is utilized and to request said authentication server to receive an application for said procedure when the client is authenticated during said identification and pay a fee from said settling account.

12.   (original): The personal authentication system according to claim 1, wherein said authentication terminal is installed in various service-providing facilities and is configured to request said authentication server to execute said identification when said service-providing facility is utilized and to request said authentication server to permit utilization of said service-

providing facility when the client is authenticated during said identification and pay a service

charge for the service-providing facility from said settling account.

13.   (original): The personal authentication system according to claim 1, wherein said

authentication terminal is installed at an entrance or exit of a facility for which entries or exits

are limited and is configured to request said authentication server to execute said identification

when said facility is utilized, in order to permit and manage the entry or exit when the client is

authenticated during said identification.

14.   (original): The personal authentication system according to claim 1, wherein said

authentication terminal is installed at a window where a certificate is issued and a relevant

registration is carried out and is configured to request said authentication server to execute said

identification when said certificate is issued and when the relevant registration is carried out and

to request said authentication server to permit the issuance of said certificate and the relevant

registration when the client is authenticated during said identification and pay a fee from said

settling account.

15.   (original): A personal authentication method for a personal authentication system

for connecting, via a communication line, an authentication server for authenticating a client to

identify the client to an authentication terminal for inputting authentication information required

for said personal authentication, wherein:

the system has a database for storing at least personal authentication data required

for said personal authentication and previously registered, settling account information required

to process charges, and data required to receive various services, and

said authentication server has a step of collating said authentication information

input from said authentication terminal via said communication terminal, against said personal

authentication data stored in said database, a step of processing charges based on said settling

account information registered in said database based on a request from said authentication

terminal when the client is authenticated during said identification, and a step of providing,

registering, and managing personal data registered beforehand in said database based on a

request from said authentication terminal when the client is authenticated during said

identification and periodically communicating a collation history, a personal data usage history,

and a charge process history.

16.   (original): The personal authentication method according to claim 15, wherein

said authentication server includes a step of communicating permission for said various services

based on a request from said authentication terminal when the client is authenticated during said

identification.

17.   (original): The personal authentication method according to claim 15, wherein

said personal authentication data are at least one of the client's fingerprint, the client's

voiceprint, the client's iris pattern, and a preset password.

18.   (original): The personal authentication method according to claim 15, wherein the

step of communicating said collation history, said personal data usage history, and said charge

process history is configured to communicate these information by electronic mail.

19.   (original): The personal authentication method according to claim 15, wherein the

step of communicating said collation history, said personal data usage history, and said charge

process history is configured to show these information on a home page.

20.   (original): The personal authentication method according to claim 19, wherein

only previously registered clients are allowed to view said home page.

21.   (original): The personal authentication method according to claim 15, wherein

said authentication terminal is installed in a store and is configured to request said authentication

server to execute said identification when at least one of a commodity and a service is to be

provided and to request said authentication server to pay a consideration for the provided

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commodity and service from said settling account when the client is authenticated during said

identification.

22.   (original): The personal authentication method according to claim 15, wherein

said authentication terminal is installed at a ticket gate of a public transportation facility and is

configured to request said authentication server to execute said identification when said public

transportation facility is utilized and to request said authentication server to pay from said

settling account a price corresponding to a traveling section for said public transportation facility

when the client is authenticated during said identification.

23.   (original): The personal authentication method according to claim 15, wherein the

functions of said authentication terminal are added to a public telephone and are configured to

request said authentication server to execute said identification when said public telephone is

utilized and to request said authentication server to pay a telephone call charge for said public

telephone from said settling account when the client is authenticated during said identification.

24.   (original): The personal authentication method according to claim 15, wherein

said authentication terminal is installed at a hospital clerk's window and is configured to request

said authentication server to execute said identification when the client visits said hospital and to

request said authentication server to extract personal information including a medical sheet and

various examination data of the client who is authenticated during said identification and pay

said hospital medical expenses from said settling account.

25.   (original): The personal authentication method according to claim 15, wherein

said authentication terminal is installed at a government officer's window for various procedures

and is configured to request said authentication server to execute said identification when said

procedure is utilized and to request said authentication server to receive an application for said

procedure when the client is authenticated during said identification and pay a fee from said

settling account.

26.   (original): The personal authentication method according to claim 15, wherein

said authentication terminal is installed in various service-providing facilities and is configured

to request said authentication server to execute said identification when said service-providing

facility is utilized and to request said authentication server to permit utilization of said service-

providing facility when the client is authenticated during said identification and pay a service

charge for the service-providing facility from said settling account.

27.   (original): The personal authentication method according to claim 15, wherein

said authentication terminal is installed at an entrance or exit of a facility for which entries or

exits are limited and is configured to request said authentication server to execute said

identification when said facility is utilized, in order to permit and manage the entry or exit when the client is authenticated during said identification.

28.   (original): The personal authentication method according to claim 15, wherein said authentication terminal is installed at a window where a certificate is issued and a relevant registration is carried out and is configured to request said authentication server to execute said identification when said certificate is issued and when the relevant registration is carried out and to request said authentication server to permit the issuance of said certificate and the relevant registration when the client is authenticated during said identification and pay a fee from said settling account.

29.   (original): A personal authentication program for a personal authentication system for connecting, via a communication line, an authentication server for authenticating a client to identify the client to an authentication terminal for inputting authentication information required for said personal authentication, wherein:

the system has a database for storing at least personal authentication data required for said personal authentication and previously registered, settling account information required to process charges, and data required to receive various services, and

said authentication server has a step of collating said authentication information input from said authentication terminal via said communication terminal, against said personal

authentication data stored in said database, a step of processing charges based on said settling

account information registered in said database based on a request from said authentication

terminal when the client is authenticated during said identification, and a step of providing,

registering, and managing personal data registered beforehand in said database based on a

request from said authentication terminal when the client is authenticated during said

identification and periodically communicating a collation history, a personal data usage history,

and a charge process history.

30.   (original): The personal authentication program according to claim 29, wherein

said authentication server includes a step of communicating permission for said various services

based on a request from said authentication terminal when the client is authenticated during said

identification.

31.   (original): The personal authentication program according to claim 29, wherein

said personal authentication data are at least one of the client's fingerprint, the client's

voiceprint, the client's iris pattern, and a preset password.

32.   (original): The personal authentication program according to claim 29, wherein

the step of communicating said collation history, said personal data usage history, and said

charge process history is configured to communicate these information by electronic mail.

33.   (original): The personal authentication program according to claim 29, wherein

the step of communicating said collation history, said personal data usage history, and said

charge process history is configured to show these information on a home page.

34.   (original): The personal authentication program according to claim 33, wherein

only previously registered clients are allowed to view said home page.

35.   (original): The personal authentication program according to claim 29, wherein

said authentication terminal is installed in a store and is configured to request said authentication

server to execute said identification when at least one of a commodity and a service is to be

provided and to request said authentication server to pay a consideration for the provided

commodity and service from said settling account when the client is authenticated during said

identification.

36.   (original): The personal authentication program according to claim 29, wherein

said authentication terminal is installed at a ticket gate of a public transportation facility and is

configured to request said authentication server to execute said identification when said public

transportation facility is utilized and to request said authentication server to pay from said

settling account a price corresponding to a traveling section for said public transportation facility

when the client is authenticated during said identification.

37.   (original): The personal authentication program according to claim 29, wherein

the functions of said authentication terminal are added to a public telephone and are configured

to request said authentication server to execute said identification when said public telephone is

utilized and to request said authentication server to pay a telephone call charge for said public

telephone from said settling account when the client is authenticated during said identification.

38.   (original): The personal authentication program according to claim 29, wherein

said authentication terminal is installed at a hospital clerk's window and is configured to request

said authentication server to execute said identification when the client visits said hospital and to

request said authentication server to extract personal information including a medical sheet and

various examination data of the client who is authenticated during said identification and pay

said hospital medical expenses from said settling account.

39.   (original): The personal authentication program according to claim 29, wherein

said authentication terminal is installed at a government officer's window for various procedures

and is configured to request said authentication server to execute said identification when said

procedure is utilized and to request said authentication server to receive an application for said

procedure when the client is authenticated during said identification and pay a fee from said

settling account.

40.   (original): The personal authentication program according to claim 29, wherein

said authentication terminal is installed in various service-providing facilities and is configured

to request said authentication server to execute said identification when said service-providing

facility is utilized and to request said authentication server to permit utilization of said service-

providing facility when the client is authenticated during said identification and pay a service

charge for the service-providing facility from said settling account.

41.   (original): The personal authentication program according to claim 29, wherein

said authentication terminal is installed at an entrance or exit of a facility for which entries or

exits are limited and is configured to request said authentication server to execute said

identification when said facility is utilized, in order to permit and manage the entry or exit when

the client is authenticated during said identification.

42.   (original): The personal authentication program according to claim 29, wherein

said authentication terminal is installed at a window where a certificate is issued and a relevant

registration is carried out and is configured to request said authentication server to execute said

identification when said certificate is issued and when the relevant registration is carried out and

to request said authentication server to permit the issuance of said certificate and the relevant

registration when the client is authenticated during said identification and pay a fee from said

settling account.

43.   (new): The personal authentication system according to claim 1, wherein said

personal authentication data comprises at least one of the client's fingerprint, the client's

voiceprint, and the client's iris pattern.

44.   (new): The personal authentication method according to claim 15, wherein said

personal authentication data comprises at least one of the client's fingerprint, the client's

voiceprint, and the client's iris pattern.

45.   (new): The personal authentication program according to claim 29, wherein said

personal authentication data comprises at least one of the client's fingerprint, the client's

voiceprint, and the client's iris pattern.

AMENDMENTS TO THE DRAWINGS

The Examiner has objected to the drawings because Figure 4 does not include a reference sign mentioned in the description. Accordingly, Applicant has corrected Figure 4 and is submitting substitute formal drawings with this Amendment to correct the omission noted by the Examiner. Thus, Applicant respectfully requests that the Examiner withdraw this objection.

The attached replacement sheet of drawings includes the following changes:

In Fig. 4, the reference sign "5" has been added to refer to the personal authentication data input mechanism as mentioned in the Specification on page 15, line 11.

Attachment: Replacement Sheet(s)